

ABSTRACT

The object of the present invention is to reduce the load and specification requirements on the network and the video server. The buffer usage rate is counted and supplied to the tape driving controller 7. In the reproduction mode, the tape driving controller 7 decreases the running speed of a video tape when the buffer usage rate is larger than the proper value. And when the buffer usage rate is smaller than the proper value, the tape driving controller 7 increases the running speed of the video tape. Moreover, in the recording mode, the tape driving controller 7 stops the tape motion temporarily if the transmission speed of the network is slow and the buffer usage rate declines lower than the proper value. And if the buffer usage rate increases over the proper value, the tape driving controller 7 resumes the tape driving to record signals. Thus, the reproduction speed or the recording speed by the tape driving device 3 can be coincided with the transmission speed of the network.